



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



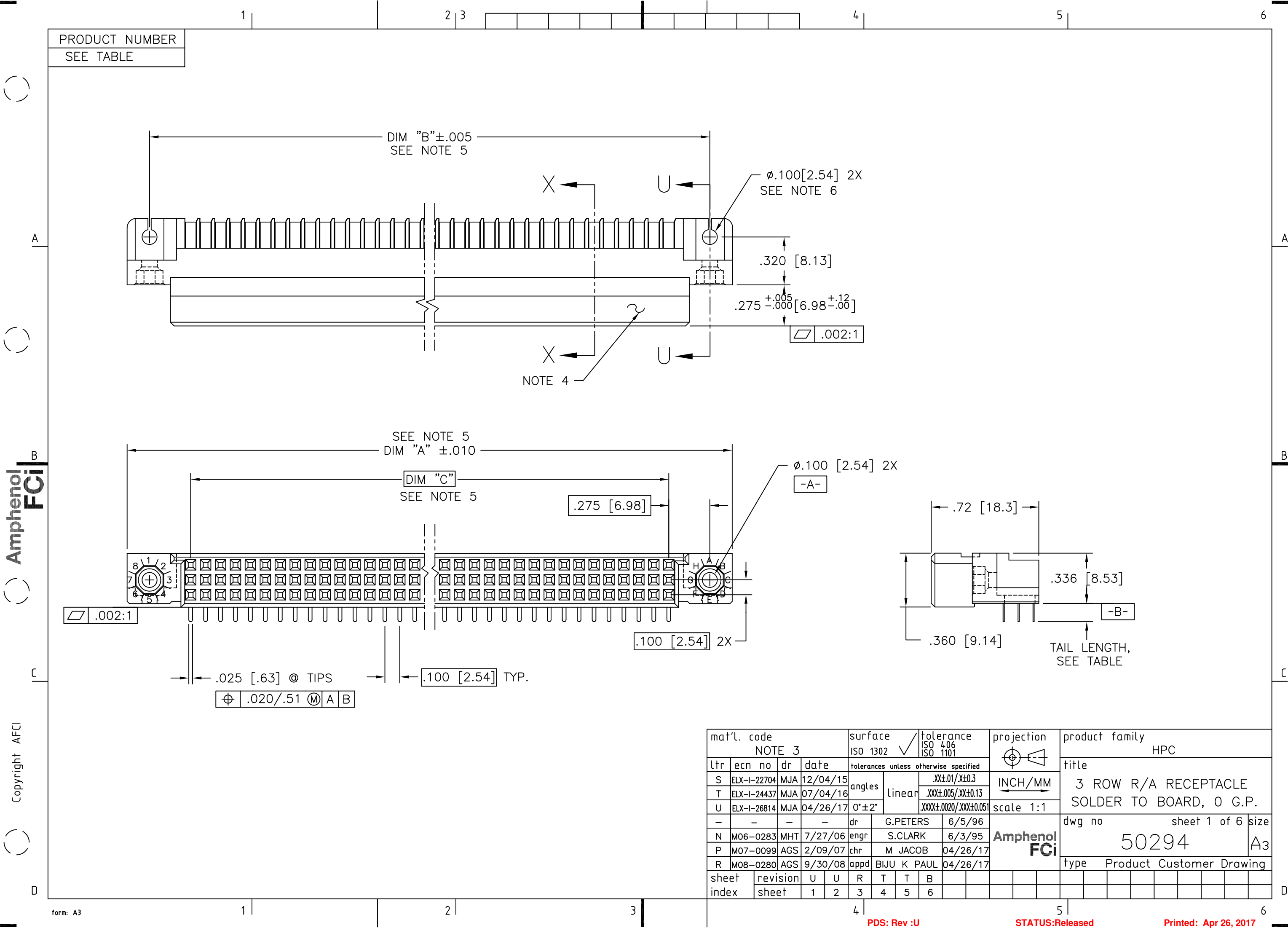
Contact us

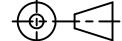
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





mat'l. code NOTE 3				surface ISO 1302 ✓			tolerance ISO 406 ISO 1101			projection 			product family HPC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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PRODUCT NUMBER
SEE TABLE

NOTES:

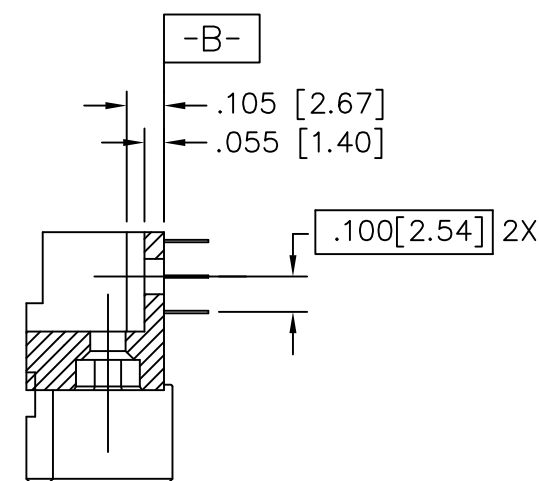
- ①. PRODUCT NUMBERING CODE:
50294 - X YYY Z S LF
- LEAD FREE (OPTIONAL)
SPECIAL FEATURES (NOTE 6)
TAIL LENGTH (SEE TABLE)
NO. OF POSITIONS (NOTE 2)
PLATING (SEE TABLE)
BASE NUMBER

PRODUCT NUMBERING CODE FOR
SELECT LOAD PART NUMBERS:

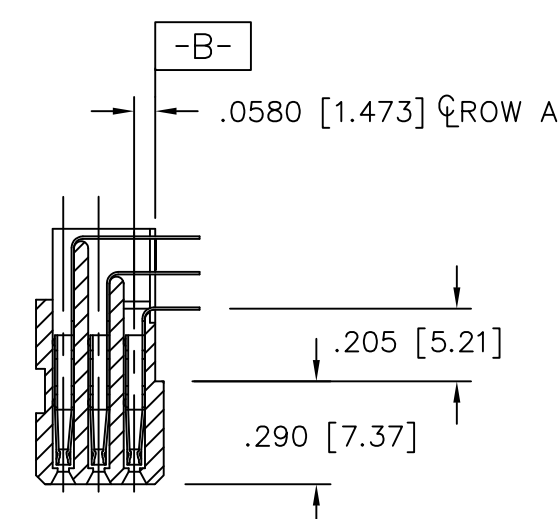
50294 - XXYYY LF

LEAD FREE (OPTIONAL)
SEQUENCE NUMBER
ALWAYS 'XX'
BASE NUMBER

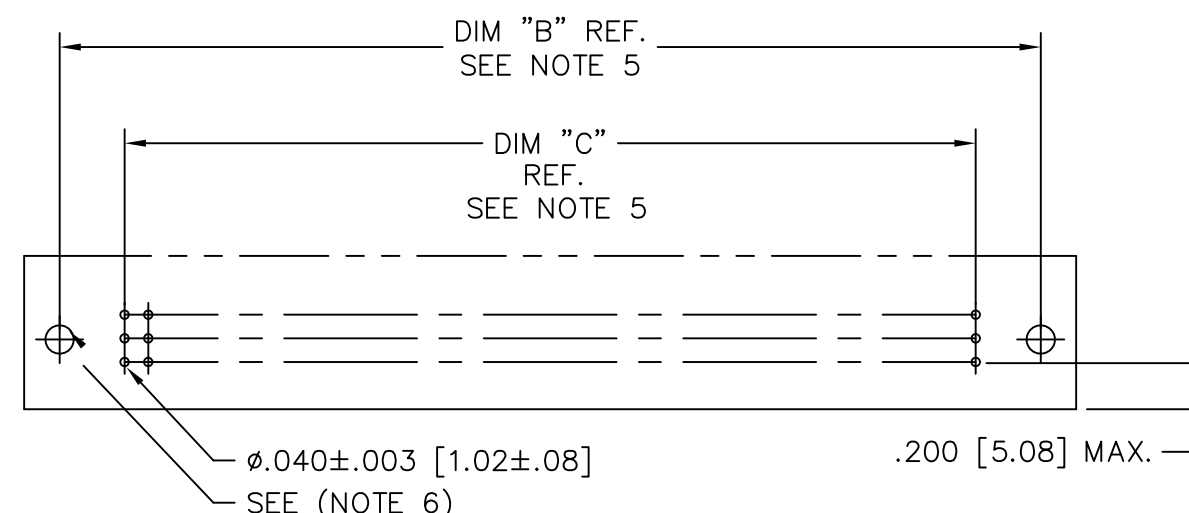
- ②. THIS PRODUCT IS CONFIGURED IN SIZES OF 6 thru 80 COLUMNS IN INCREMENTS OF ONE.
i.e.: 6,7,8,9.....79,80.
- ③. HOUSING MATERIAL: GLASS & MINERAL FILLED HIGH-TEMP THERMOPLASTIC,
FLAME RETARDANT PER UL94 V-0.
CONTACT MATERIAL: BeCu
- ④. MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO
APPEAR ON THIS SURFACE PER BUS-12-108.
- ⑤. LENGTH DIMENSION FORMULAS:
DIM "A" = $.100/2.54 \times \text{NO. OF COLUMNS} + .75/19.1$
DIM "B" = $.100/2.54 \times \text{NO. OF COLUMNS} + .450/11.43$
DIM "C" = $.100/2.54 \times \text{NO. OF COLUMNS} - .100/2.54$
- ⑥. SPECIAL FEATURES (SEE SHEET 3) AND TABLE.
- = IF CODE IS OMITTED FROM PRODUCT NUMBER: CONNECTOR
IS PROVIDED AS SHOWN, NO SPECIAL FEATURES ARE
SELECTED. P.C.B. MOUNTING HOLE DIMENSION TO BE $\phi.120[3.05]$.
"A" = IF SPECIFIED, PRE-INSTALLED CLAW FOR P.C.B. ATTACHMENT
IN A $\phi.100[2.54]$ P.C.B. MOUNTING HOLE. AVAILABLE IN "E" TAIL LENGTH ONLY.
"B" = IF SPECIFIED, PRE-INSTALLED CLAW FOR P.C.B. ATTACHMENT
IN A $\phi.120[3.05]$ P.C.B. MOUNTING HOLE.
"C" = IF SPECIFIED, MOLDED GUIDE PINS WITH PRE-INSTALLED CLAW
FOR P.C.B. ATTACHMENT IN A $\phi.120[3.05]$ P.C.B. MOUNTING HOLE.
"D" = IF SPECIFIED, MOLDED GUIDE PINS WITH $\phi.120[3.05]$ P.C.B. MOUNTING HOLE (NO CLAW).
- ⑦. CLAW DIMENSION DETERMINED BY P.C.B. HOLE DIAMETER.
- ⑧. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION
DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN
GS-22-008.
- ⑨. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260 DEGREES C
PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION,
INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑩. PLATING OPTION:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
- ⑪. FOR P/Ns 50294-1165HLF, 50294-1210HLF & 50294-XX001LF PLEASE CONTACT PRODUCT MANAGER.



SECTION U-U
NO SPECIAL FEATURE



SECTION X-X



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON $.100 [2.54]$ GRID
UNLESS OTHERWISE SPECIFIED)

mat'l. code NOTE 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified	Amphenol FCi	title 3 ROW R/A RECEPTACLE SOLDER TO BOARD, 0 G.P.			
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					dr	G.PETERS	6/5/96	dwg no		sheet 2 of 6
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					appd	BIJU K PAUL	04/26/17	type		Product Customer Drawing
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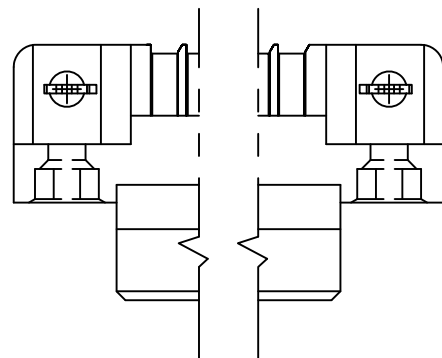
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Amphenol
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PRODUCT NUMBER

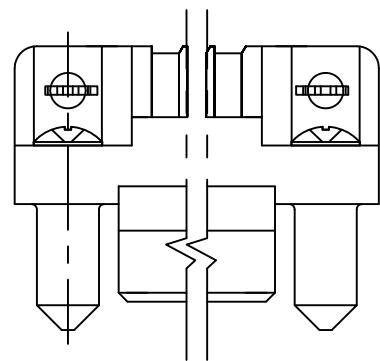
SEE TABLE



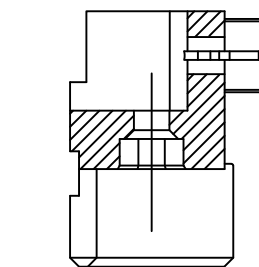
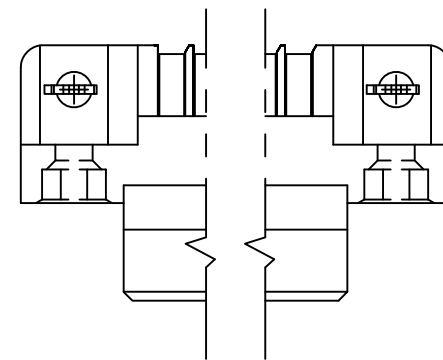
SECTION U-U

SPECIAL FEATURE OPTION "A"

SEE NOTE 6



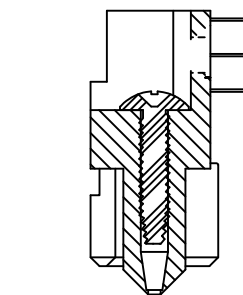
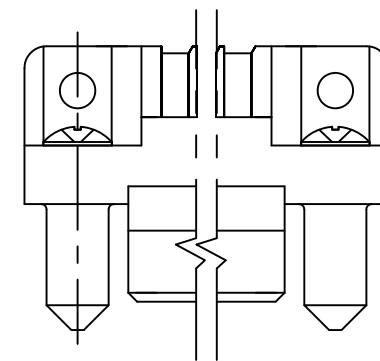
SECTION U-U



SECTION U-U

SPECIAL FEATURE OPTION "B"

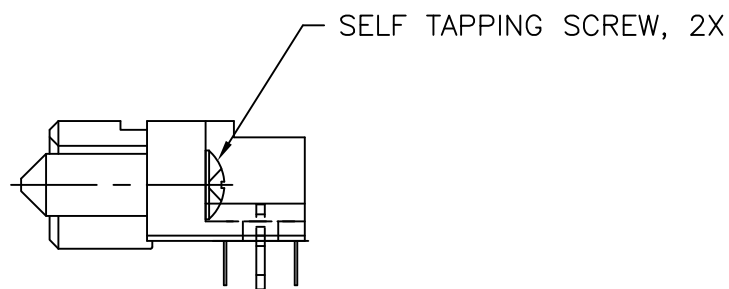
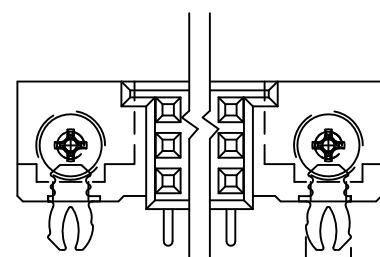
SEE NOTE 6



SECTION U-U

SPECIAL FEATURE OPTION "D"

SEE NOTE 6

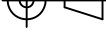
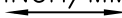


SELF TAPPING SCREW, 2X

SEE NOTE 7

SPECIAL FEATURE OPTION "C"

SEE NOTE 6

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PRODUCT NUMBER NOTE 1 AND 2	NUMBER OF POSITIONS SEE NOTE 2	TAIL LENGTH ±.010/0.25	SPECIAL FEATURES SEE NOTE 6	TAIL PLATING	CONTACT PLATING SEE NOTE 10	PRODUCT NUMBER NOTE 1 AND 2	NUMBER OF POSITIONS SEE NOTE 2	TAIL LENGTH ±.010/0.25	SPECIAL FEATURES SEE NOTE 6	TAIL PLATING	CONTACT PLATING SEE NOTE 10
50294-1YYYE	YYY	.125/3.18	NONE	TIN-LEAD	30μ"/0.76μ Au	50294-1YYYELF	YYY	.125/3.18	NONE	TIN	30μ"/0.76μ Au
50294-1YYYEA	YYY	.125/3.18	"A"		30μ"/0.76μ Au	50294-1YYYEALF	YYY	.125/3.18	"A"		30μ"/0.76μ Au
50294-1YYYEB	YYY	.125/3.18	"B"		30μ"/0.76μ Au	50294-1YYYEBLF	YYY	.125/3.18	"B"		30μ"/0.76μ Au
50294-1YYYEC	YYY	.125/3.18	"C"		30μ"/0.76μ Au	50294-1YYYECLF	YYY	.125/3.18	"C"		30μ"/0.76μ Au
50294-1YYYED	YYY	.125/3.18	"D"		30μ"/0.76μ Au	50294-1YYYEDLF	YYY	.125/3.18	"D"		30μ"/0.76μ Au
50294-1YYYF	YYY	.145/3.68	NONE		30μ"/0.76μ Au	50294-1YYYFLF	YYY	.145/3.68	NONE		30μ"/0.76μ Au
50294-1YYYFB	YYY	.145/3.68	"B"		30μ"/0.76μ Au	50294-1YYYFBLF	YYY	.145/3.68	"B"		30μ"/0.76μ Au
50294-1YYYFC	YYY	.145/3.68	"C"		30μ"/0.76μ Au	50294-1YYYFCLF	YYY	.145/3.68	"C"		30μ"/0.76μ Au
50294-1YYYFD	YYY	.145/3.68	"D"		30μ"/0.76μ Au	50294-1YYYFDLF	YYY	.145/3.68	"D"		30μ"/0.76μ Au
50294-1YYYH	YYY	.180/4.57	NONE		30μ"/0.76μ Au	50294-1YYYHLF	YYY (SEE NOTE 11)	.180/4.57	NONE		30μ"/0.76μ Au
50294-1YYYHB	YYY	.180/4.57	"B"		30μ"/0.76μ Au	50294-1YYYHBLF	YYY	.180/4.57	"B"		30μ"/0.76μ Au
50294-1YYYHC	YYY	.180/4.57	"C"		30μ"/0.76μ Au	50294-1YYYHCLF	YYY	.180/4.57	"C"		30μ"/0.76μ Au
50294-1YYYHD	YYY	.180/4.57	"D"		30μ"/0.76μ Au	50294-1YYYHDLF	YYY	.180/4.57	"D"		30μ"/0.76μ Au
50294-3YYYE	YYY	.125/3.18	NONE		50μ"/1.27μ Au	50294-3YYYELF	YYY	.125/3.18	NONE		50μ"/1.27μ Au
50294-3YYYEA	YYY	.125/3.18	"A"		50μ"/1.27μ Au	50294-3YYYEALF	YYY	.125/3.18	"A"		50μ"/1.27μ Au
50294-3YYYEB	YYY	.125/3.18	"B"		50μ"/1.27μ Au	50294-3YYYEBLF	YYY	.125/3.18	"B"		50μ"/1.27μ Au
50294-3YYYEC	YYY	.125/3.18	"C"		50μ"/1.27μ Au	50294-3YYYECLF	YYY	.125/3.18	"C"		50μ"/1.27μ Au
50294-3YYYED	YYY	.125/3.18	"D"		50μ"/1.27μ Au	50294-3YYYEDLF	YYY	.125/3.18	"D"		50μ"/1.27μ Au
50294-3YYYF	YYY	.145/3.68	NONE		50μ"/1.27μ Au	50294-3YYYFLF	YYY	.145/3.68	NONE		50μ"/1.27μ Au
50294-3YYYFB	YYY	.145/3.68	"B"		50μ"/1.27μ Au	50294-3YYYFBLF	YYY	.145/3.68	"B"		50μ"/1.27μ Au
50294-3YYYFC	YYY	.145/3.68	"C"		50μ"/1.27μ Au	50294-3YYYFCLF	YYY	.145/3.68	"C"		50μ"/1.27μ Au
50294-3YYYFD	YYY	.145/3.68	"D"		50μ"/1.27μ Au	50294-3YYYFDLF	YYY	.145/3.68	"D"		50μ"/1.27μ Au
50294-3YYYH	YYY	.180/4.57	NONE		50μ"/1.27μ Au	50294-3YYYHLF	YYY	.180/4.57	NONE		50μ"/1.27μ Au
50294-3YYYHB	YYY	.180/4.57	"B"		50μ"/1.27μ Au	50294-3YYYHBLF	YYY	.180/4.57	"B"		50μ"/1.27μ Au
50294-3YYYHC	YYY	.180/4.57	"C"		50μ"/1.27μ Au	50294-3YYYHCLF	YYY	.180/4.57	"C"		50μ"/1.27μ Au
50294-3YYYHD	YYY	.180/4.57	"D"	TIN-LEAD	50μ"/1.27μ Au	50294-3YYYHDLF	YYY	.180/4.57	"D"	TIN	50μ"/1.27μ Au

TABLE CONTINUED ON SHEET 5

1

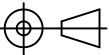
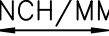
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mat'l. code NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		INCH/MM		title				
T					angles linear	.XX±.01/.X±0.3			3 ROW R/A RECEPTACLE SOLDER TO BOARD, 0 G.P.				
				.XXX±.005/.XX±0.13									
				.XXXX±.0020/.XXX±0.051									
					dr	G.PETERS	6/5/96	scale 1:1		dwg no		sheet 4 of 6	size
					enr	S.CLARK	6/3/95			50294		A3	
					chr	M JACOB	04/26/17			Product Customer Drawing			
					appd	BIJU K PAUL	04/26/17						
sheet index		revision sheet											

form: A3

1

2

3

4

5

6

PDS: Rev :U

STATUS:Released

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